REQU	JEST FOR C	QUOTATIONS	THIS RFQ [X] IS [ ] IS NO	T A SMALL BUSINESS SI	ET-ASIDE		PAGE	OF 1	PAGES
(T	HIS IS NOT AN	ORDER)					1		16
1. REQUES:		2. DATE ISSUED 19-Aug-2006	3. REQUISITION/PURCH REQUEST NO. SEE SCHEDULE	IASE	U	ERT. FOR NAT. DEF. NDER BDSA REG. 2 ND/OR DMS REG. 1	RATING	•	
5a. ISSUED		13 / lug 2000	OLE OUT ILDULE		_				
CODE 3351.1, 5001 SOUTH	, ELIZABETH RAINE	NTER, CARDEROCK Y			0. D.	ELIVER BY (Date) <b>SEE SCHI</b>	EDULE		
					7. DEL	VERY			
					[X]	FOB [ ]	OTHER		
ELIZABETH	RAINEY		hone no.) (No collect calls) (215)897-70	061		DESTINATION	(See Sched		
8. TO: NAM	IE AND ADDRI	ESS, INCLUDING ZIP	P CODE		NSWC C MARGAF 1601 LAN PHILADE	TINATION (Consignee and a PARDEROCK DIVISION RET KLODOWSKY IGLEY AVE, BLDG. 542 E PHILADEI LPHIA PA 19112-1403 897-7839 FAX:		ling ZI	P Code)
10. PLEASI	E FURNISH QU 25-Aug-2006		E ISSUING OFFICE IN BLO	CK 5a ON OR BEF	ORE CLOS	E OF BUSINESS:			
IMPORTAN it to the addres contract for sup	NT: This is a request in Block 5a. This opplies or services.	est for information, and quo s request does not commit th	otations furnished are not offers. If the Government to pay any costs in igin unless otherwise indicated by	ncurred in the preparati	on of the subn	nission of this quotation or to			
		11. SCHI	EDULE (Include applicable	e Federal, State, an	ıd local taxı	es)			
ITEM NO.		SUPPLIES/ SERV	VICES	QUANTITY	UNIT	UNIT PRICE		AMO	UNT
(a)		(b)		(c)	(d)	(e)		(1	f)
	SEE	E SCHEDU	LE						
12. DISCOU	INT FOR PROM	MPT PAYMENT a.	10 CALENDAR DAYS	b. 20 CALENDA	R DAYS	c. 30 CALENDAR DAYS	1	ENDA	AR DAYS
			%	L	%	Ç	% No.		%
		OF QUOTER (Street, ZIP Cod				NAUTHORIZED TO	15. DA' QUO	TE OI	
				16. NAME AND T	TITLE OF S	IGNER (Type or print)			NE NO. ea code)

#### Section B - Supplies or Services and Prices

**UNIT PRICE** ITEM NO SUPPLIES/SERVICES **QUANTITY UNIT AMOUNT** 0001 60 Each

HOSE ASSEMBLY

**FFP** 

HOSE ASSEMBLY, AS PER ATTACHED SPECIFICATION, P/N

MS8005E1120A FOB: Destination NSN: 4720LLLT36340 DWG NR: MS8005E1120A

PURCHASE REQUEST NUMBER: 61805143

**NET AMT** 

SUPPLIES/SERVICES ITEM NO **QUANTITY UNIT UNIT PRICE AMOUNT** 60 Each

0002

HOSE ASSEMBLY

**FFP** 

HOSE ASSEMBLY, AS PER ATTACHED SPECIFICATION, P/N

MS8005E360C **FOB:** Destination NSN: 4720LLLT36338 DWG NR: MS8005E360C

PURCHASE REQUEST NUMBER: 61805171

**NET AMT** 

Page 3 of 16

ITEM NO SUPPLIES/SERVICES QUANTITY UNIT UNIT PRICE AMOUNT 0003 60 Each

HOSE ASSEMBLY

**FFP** 

HOSE ASSEMBLY, AS PER ATTACHED SPECIFICATION, P/N

MS8005E380C FOB: Destination NSN: 4720LLLT36335 DWG NR: MS8005E380C

PURCHASE REQUEST NUMBER: 61805181

**NET AMT** 

ITEM NO SUPPLIES/SERVICES QUANTITY UNIT UNIT PRICE AMOUNT

0004 60 Each

HOSE ASSEMBLY

**FFP** 

HOSE ASSEMBLY, AS PER ATTACHED SPECIFICATION, P/N

MS8005E480A FOB: Destination NSN: 4720LLLT36336 DWG NR: MS8005E480A

PURCHASE REQUEST NUMBER: 61805183

**NET AMT** 

Page 4 of 16

ITEM NO SUPPLIES/SERVICES QUANTITY UNIT UNIT PRICE AMOUNT 0005 60 Each

HOSE ASSEMBLY

**FFP** 

HOSE ASSEMBLY, AS PER ATTACHED SPECIFICATION, P/N

MS8005E730C FOB: Destination NSN: 4720LLLT36339 DWG NR: MS8005E730C

PURCHASE REQUEST NUMBER: 61805185

**NET AMT** 

ITEM NO SUPPLIES/SERVICES QUANTITY UNIT UNIT PRICE AMOUNT

0006 60 Each HOSE ASSEMBLY

FFP

HOSE ASSEMBLY, AS PER ATTACHED SPECIFICATION, P/N

MS8005E750C FOB: Destination NSN: 4720LLLT36337 DWG NR: MS8005E750C

PURCHASE REQUEST NUMBER: 61805187

**NET AMT** 

Section E - Inspection and Acceptance

## INSPECTION AND ACCEPTANCE TERMS

# Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
0002	Destination	Government	Destination	Government
0003	Destination	Government	Destination	Government
0004	Destination	Government	Destination	Government
0005	Destination	Government	Destination	Government
0006	Destination	Government	Destination	Government

## Section F - Deliveries or Performance

## **DELIVERY INFORMATION**

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	60 dys. ADC	60	NSWC CARDEROCK DIVISION MARGARET KLODOWSKY 1601 LANGLEY AVE, BLDG. 542 E PHILADEL PHILADELPHIA PA 19112-1403 215-897-7839 FOB: Destination	N65540
0002	60 dys. ADC	60	(SAME AS PREVIOUS LOCATION) FOB: Destination	N65540
0003	60 dys. ADC	60	(SAME AS PREVIOUS LOCATION) FOB: Destination	N65540
0004	60 dys. ADC	60	(SAME AS PREVIOUS LOCATION) FOB: Destination	N65540
0005	60 dys. ADC	60	(SAME AS PREVIOUS LOCATION) FOB: Destination	N65540
0006	60 dys. ADC	60	(SAME AS PREVIOUS LOCATION) FOB: Destination	N65540

Section G - Contract Administration Data

#### CLAUSES INCORPORATED BY FULL TEXT

- 52.213-4 Terms and Conditions--Simplified Acquisitions (Other Than Commercial Items) (FEB 2006)
- (a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) and Defense Federal Acquisition Regulation Supplement (DFARS) clauses that are incorporated by reference:
  - (1) The clauses listed below implement provisions of law or Executive order:
  - (i) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
  - (ii) 52.222-21, Prohibition of Segregated Facilities (Feb 1999) (E.O. 11246).
  - (iii) 52.222-26, Equal Opportunity (Apr 2002) (E.O. 11246).
- (iv) 52.225-13, Restrictions on Certain Foreign Purchases (Feb 2006) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
  - (v) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).
  - (vi) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78)
  - (2) Listed below are additional clauses that apply:
  - (i) 252.204-7003, Control of Government Personnel Work Product (Apr 1992)
  - (ii) 52.232-1, Payments (Apr 1984).
  - (iii) 52.232-11, Extras (Apr 1984).
  - (iv) 252.232-7010 Levies on Contract Payments (SEP 2005)
  - (v) 52.233-1, Disputes (Jul 2002).
  - (vi) 252.243-7001 Pricing of Contract Modifications (Dec 1991)
  - (vii) 52.244-6, Subcontracts for Commercial Items (Feb 2006).
  - (viii) 52.253-1, Computer Generated Forms (Jan 1991).
- (b) The Contractor shall comply with the following FAR and DFARS clauses, incorporated by reference, unless the circumstances do not apply:
  - (1) The clauses listed below implement provisions of law or Executive order:
- (i) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (Jan 2006) (E.O. 13126) (Applies to contracts for supplies exceeding the micro-purchase threshold.)
- (ii) 52.222-20, Walsh-Healey Public Contracts Act (Dec 1996) (41 U.S.C. 35-45) (Applies to supply contracts over \$10,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).
- (iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).
- (iv) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793) (Applies to contracts over \$10,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, United States includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)
- (v) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212) (Applies to contracts of \$25,000 or more).
- (vi) 52.222-41, Service Contract Act of 1965, As Amended (Jul 2005) (41 U.S.C. 351, et seq.) (Applies to service contracts over \$2,500 that are subject to the Service Contract Act and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer continental shelf lands).
- (vii) 52.223-5, Pollution Prevention and Right-to-Know Information (Aug 2003) (E.O. 13148) (Applies to services performed on Federal facilities).
- (viii) 252.225-7001, Buy American Act and Balance of Payments Program (Jun 2005) (Applies to all contracts for supplies unless an exception is authorized by DFARS 225.1101(2)(i) through (iv).
- (ix) 252.225-7013, Duty-Free Entry (Jun 2006) (Applies to all contracts for supplies except for those supplies that will not enter the customs territory of the United States).
- (x) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (Oct 2003) (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the Central Contractor Registration (CCR) database as its source of EFT information.)

- (xi) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (May 1999) (Applies when the payment will be made by EFT and the payment office does not use the CCR database as its source of EFT information.)
- (xii) 252.247-7023, Transportation of Supplies by Sea (May 2002) Alternate III (May 2002) (Applies when transporting any supplies by sea under this contract.)
  - (2) Listed below are additional clauses that may apply:
- (i) 52.204-7, Central Contractor Registration (Jul 2006) (Applies to all contracts unless an exception is authorized by FAR 4.1102(a).)
  - (ii) 252.204-7004, Alternate A (Nov 2003) (Applies if FAR 52.204-7 is applicable.)
- (iii) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (JAN 2005) (Applies to contracts over \$25,000).
- (iv) 52.211-5 Material Requirements (Aug 2000) (Applies to contracts for supplies that are not commercial items).
  - (v) 52.211-17, Delivery of Excess Quantities (Sept 1989) (Applies to fixed-price supplies).
- (vi) 252.225-7002, Qualifying Country Sources as Subcontractors (Apr 2003) (Applies if the contract is subject to the DFARS clause 252.225-7001, Buy American Act and Balance of Payments Program (see (b)(1)(viii) above)).
  - (vii) 52.243-1, Changes--Fixed Price (Aug 1987) (Applies to fixed-price contracts for supplies).
- (viii) 52.243-1, Changes--Fixed Price (Aug 1987) Alternate I (Apr 1984) (Applies to fixed price contracts for services, other than architect-engineer or other professional services, and no supplies are to be furnished).
- (ix) 52.243-1, Changes--Fixed Price (Aug 1987) Alternate II (Apr 1984) (Applies to fixed price contracts for services (other than architect-engineer services, transportation, or research and development) and supplies are to be furnished).
- (x) 52.243-1, Changes--Fixed Price (Aug 1987) Alternate V (Apr 1984) (Applies to fixed price contracts for research and development).
  - (xi) 52.247-29, F.o.b. Origin (Feb 2006) (Applies to supplies if delivery is f.o.b. origin).
  - (xii) 52.247-34, F.o.b. Destination (Nov 1991) (Applies to supplies if delivery is f.o.b. destination).
- (xiii) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 1989) (Applies if the contract amount is expected to be over \$2,500 and the contract is subject to the clause 52.222-41, "Service Contract Act of 1965, As Amended" (see (b)(1)(vi) above)).

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor ( a tl

(29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.
This Statement is for Information Only: It is not a Wage Determination
Employee Class Monetary WageFringe Benefits
(xiv) 52.246-11 Higher-Level Contract Quality Requirement (Feb 1999) (Applies to contracts when the contracting officer finds it is in the Government's interest to require that higher-level quality standards be maintained and such standards are selected and identified in the clause).
The Contractor shall comply with the higher-level quality standard selected below. [If more than one standard is listed, the offeror shall indicate its selection by checking the appropriate block.]

	Title	Number	Date	Tailoring
*				
*				
*				

*		

[Contracting Officer insert the title, number (if any), date, and tailoring (if any) of the higher-level quality standards.]

(c) FAR 52.252-2, Clauses Incorporated by Reference (Feb 1998). This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

FAR clauses - http://www.arnet.gov/far/ DFARS clauses - http://www.acq.osd.mil/dp/dars/dfars.html

- (d) Inspection/Acceptance. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights--
  - (1) Within a reasonable period of time after the defect was discovered or should have been discovered; and
- (2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.
- (e) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.
- (f) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.
- (g) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.
- (h) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of clause)

#### 52.232-36 Payment by Third Party (May 1999)

(a) General. The Contractor agrees to accept payments due under this contract, through payment by a third party in lieu of payment directly from the Government, in accordance with the terms of this clause. The third party and, if applicable, the particular Governmentwide commercial purchase card to be used are identified elsewhere in this contract.

- (b) Contractor payment request. In accordance with those clauses of this contract that authorize the Contractor to submit invoices, contract financing requests, other payment requests, or as provided in other clauses providing for payment to the Contractor, the Contractor shall make such payment requests through a charge to the Government account with the third party, at the time and for the amount due in accordance with the terms of this contract.
- (c) Payment. The Contractor and the third party shall agree that payments due under this contract shall be made upon submittal of payment requests to the third party in accordance with the terms and conditions of an agreement between the Contractor, the Contractor's financial agent (if any), and the third party and its agents (if any). No payment shall be due the Contractor until such agreement is made. Payments made or due by the third party under this clause are not payments made by the Government and are not subject to the Prompt Payment Act or any implementation thereof in this contract.
- (d) Documentation. Documentation of each charge against the Government's account shall be provided to the Contracting Officer upon request.
- (e) Assignment of claims. Notwithstanding any other provision of this contract, if any payment is made under this clause, then no payment under this contract shall be assigned under the provisions of the assignment of claims terms of this contract or the Assignment of Claims Act of 1940, as amended, 31 U.S.C. 3727, 41 U.S.C. 15.
- (f) Other payment terms. The other payment terms of this contract shall govern the content and submission of payment requests. If any clause requires information or documents in or with the payment request, that is not provided in the third party agreement referenced in paragraph (c) of this clause, the Contractor shall obtain instructions from the Contracting Officer before submitting such a payment request.

Your quotation must include the following information:

Price list number and date

or

Cost breakdown by direct labor (list categories, hours and pay rates). In addition to the direct rates, provide the applicable indirect information (G&A), overhead, facilities capital cost of money (FCCM) and profit.

or

Applicable General Services Administration (GSA) contract number.

If unable to quote FOB, Destination, please complete the following:

FOB Point \_\_\_\_\_\_\_

Estimated Shipping Charge \_\_\_\_\_\_

Business size:

Large \_\_\_\_\_ Small \_\_\_\_\_ Nonprofit \_\_\_\_\_

Cage Code \_\_\_\_\_

Tax Identification Nun	nber (TIN)
DUNS	
ELIGIBILITY REQUI	REMENTS
	ndividuals doing business with the Federal Government must be registered at the Contractor atabase located at: http://www.ccr.gov/
ELECTRONIC DISTR	RIBUTION OF CONTRACT DOCUMENTS
the procurement, contr Surface Warfare Cente documents, including t document has been upl web site (http://eda.ogo posted are in .pdf form	nic Document Access (EDA) provides World Wide Web access to documents used to support act administration, bill paying, and accounting processes. EDA is being used by the Naval r, Carderock Division to electronically distribute all contract award and contract modification ask and delivery orders. The contractor will be sent a notification email when a contractual oaded for distribution. The contractor will be required to register as a vendor on the EDA den.disa.mil) in order to view/download their company's contractual documents. The files at and may be accessed using Adobe Acrobat Reader. Adobe Acrobat Reader is a free ownloaded at http://www.adobe.com/products/acrobat/readstep.html.
(b) Offerors must proresultant contract.	ovide the following information that will be used to make electronic distribution for any
Name of Point of Cont	act
Phone Number for Poi	nt of Contact
E-mail Address for Re	ceipt of Electronic Distribution
USE OF THE GOVER	ENMENT-WIDE COMMERCIAL PURCHASE CARD
Will you accept the C services.	Government-wide Commercial Purchase Card as a method of purchasing supplies and/or
Yes	No
Will you accept the C	Government wide Commercial Purchase Card as a method of payment for your invoice.
Yes	No
DUTY FREE ENTRY	
Will any materials be	eing shipped to the Government require a duty-free entry certificate for foreign supplies.
Yes	No
If yes, please include	dollar amount \$

	ring provision 52.204-8 applies to this so and Conditions—Simplified Acquisition		
52.204-8 Annual	Representations and Certifications (Jan	2006)	
	th American Industry Classification Systert NAISC code].	em (NAICS) code for this acqui	sition is
	business size standard is [in	nsert size standardl.	
(3) The small to construction or se	business size standard for a concern whiervice contract, but which proposes to fu	ch submits an offer in its own na	
employees. (b)(1) If the clar	use at 52.204-7, Central Contractor Reg	istration, is included in this solic	itation, paragraph (c) of
this provision app			runion, paragrapa (v) or
	se at 52.204-7 is not included in this soli	citation, and the offeror is currer	ntly registered in CCR, and
completing the co	e ORCA electronically, the offeror may orresponding individual representations action applies by checking one of the follows:	and certifications in the solicitati	
[ ] (i) Paragra	aph (c) applies.		
[ ] (ii) Paragrammer [ ] [ ] [ iii) Paragrammer [ ] [ iii) Paragrammer [ ] [ iiii) Paragrammer [ iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	raph (c) does not apply and the offeror has solicitation.	nas completed the individual repr	resentations and
Representations a database informat currently posted e complete, and appreferenced for this 4.1201); except fo title, date]. These	has completed the annual representation and Certifications Application (ORCA) without the offeror verifies by submission delectronically have been entered or updated blicable to this solicitation (including the solicitation), as of the date of this offeror the changes identified below [offeror examended representation(s) and/or certification of the date of this offer and complete as of the date of this offer	website at http://orca.bpn.gov. A of the offer that the representation ted within the last 12 months, are business size standard applicable and are incorporated in this offer to insert changes, identifying chaffication(s) are also incorporated	fter reviewing the ORCA ns and certifications e current, accurate, le to the NAICS code er by reference (see FAR ange by clause number,
FAR Clause #	Title	Date	Change
			<del></del>
	vided by the offeror are applicable to this and certifications posted on ORCA.	s solicitation only, and do not re-	sult in an update to the
(End of provision	)		

## CAR-P09 Mail Invoices to:

NSWC Carderock Division Vendor Certification, Code 315 West Bethesda, MD 20817-5700 (301) 227-1161 (FAX) 301-227-3927

## **SPECIFICATIONS**

INCH-POUND MS8005D 24 September 2003 SUPERSEDING MSB005C 15 April 1991

#### **DETAIL SPECIFICATION SHEET**

# HOSE ASSEMBLY. POLYTETRAFLUOROETHYLENE, PERMANENTLY ATTACHED FITTINGS, HIGH TEMPERATURE, MEDIUM PRESSURE, FLARE-TO-FLARE

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein snall consist of this specification and MIL-DTL-25579,

Hose assembly dimensions for style A: See table I.

TABLE I. Hose assembly dimensions for style A. 1/

Finting	enda	Hose		Dimen	aiona 2/	X 455-5 - 00
1	2	alze	A (nom)	B (max)	C (max)	F (max)
		3/4	0.372	1.049	0.620	0.580
		4	0.375	1.049	0.620	0.854
		. 5	0.380	1.194	0.880	0.728
	12563/225/1990	6	0.380	1.303	0.750	0.798
Straight	Straight	8	0.438	1,465	0.880	1.014
		10	0.515	1.680	0.967	1,159
		12	0.570	1.727	1.122	1.447
		16	0.620	2.101	1.480	1.736
		20	0.840	2.255	1.750	2.328
	8	24	0.765	2.400	2.150	2.621

1/ Style A uses class 1 fittings which are made from corresion resistant steel (CRES). 2/ Dimensions are shown on figure 1.

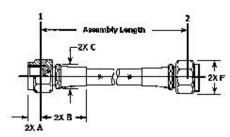


FIGURE 1. Style A hose assembly.

AMSC N/A 1 of 12

<u>DISTRIBUTION STATEMENT A.</u> Approved for public release; distribution to un imited.

FSC 4720

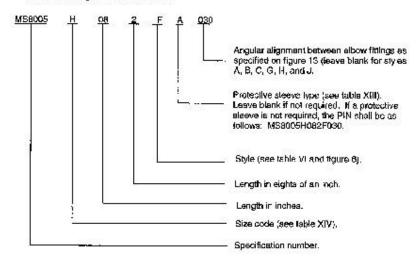
Productly R3 he record and selective conflictivities because (IS

Brees NSMCKREPCIOL Billion acceptable with exper-

#### M\$8005D

PIN: The PIN for each hose assembly shall include its size code, length, style, protective sleeve type, and the angular alignment between the olbow fittings, as applicable.

Example: The PIN for an 8.250 Inch (209.55 mm) length, style F hase assembly with a .500 inch (12.70 mm) tube OD, a fire protective sleeve in accordance with SAE AS1072, and a .501 between the elbow fittings shall be as follows:



Changes from previous issue: Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

#### CONCLUDING MATERIAL

Custodiane:

Army - AV Navy - AS Alr Force - 99 DLA - CC Preparing activity: DLA - CC

(Project 4720-0205-000)

Review activities: Army - AR, AT, EA, MI Navy - MC, SA, SH Alf Force - 70

12

Swelch the MS No expecuation or more shappens had of reculturiye have MS Johnson NEWCTASET-SIC)

William Research Committee Commi